

REMARKS

In this paper, claim 1 is currently amended, and claims 17-21 have been canceled. After entry of the above amendment, claims 1-16 are pending, and claims 17-21 have been canceled.

Claims 1-16 were rejected under 35 U.S.C. §103(a) as being unpatentable over Brisson (US 5,335,188) in view of Stockdale, et al (US 6,804,763). This basis for rejection is respectfully traversed.

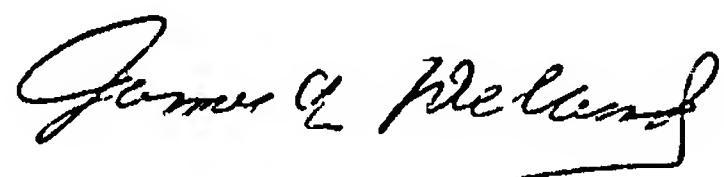
Claim 1 has been amended to clarify that the power supply normally charges and discharges during operation of the bicycle, and that the power supply sensor detects an ability of the power supply to supply power as the power supply charges and discharges during normal operation of the bicycle so that the memory may be accessed without damaging information stored therein. Brisson discloses a bicycle computer with a memory and a means for comparing the rider's present and past performance in real time. Stockdale, et al discloses a battery backed RAM interface for a gaming machine. An NV-RAM controller (525) monitors the line power level to the gaming machine via a connection (530) and a backup battery (505). In the event of a significant power fluctuation, a write of data to the nonvolatile memory or a read of data from the nonvolatile memory may be prevented. However, Stockdale, et al is nonanalogous art. Stockdale, et al is directed to gambling machines in casinos, whereas the present invention is directed to bicycle equipment. Furthermore, Stockdale, et al is directed to the problem of power outages that may occur in a casino, such power outages being a rare event. By contrast, the present invention is used to monitor a power supply that, by its nature, charges and discharges during normal operation of a bicycle. By the same reasoning, Stockdale, et al neither discloses nor suggests monitoring a bicycle power supply that normally charges and discharges during normal operation of a bicycle in order to control information that is not as critical as financial information in a slot machine. Indeed, if voltage at a casino fluctuated as much as it does in a bicycle, then the Stockdale, et al device would inhibit memory writes many times in the course of a day, thus preventing the slot machine from operating at full capacity and decreasing revenue. Stockdale, et al is not at all concerned with protection of a memory in such a fluctuating voltage environment.

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Accordingly, it is believed that the rejection under 35 U.S.C. §103 has been overcome by the foregoing amendment and remarks, and it is submitted that the claims are in condition for allowance. Reconsideration of this application as amended is respectfully requested. Allowance of all claims is earnestly solicited.

Respectfully submitted,



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